Attachment 6

Monitoring, Assessment and Performance Measures

Performance Measures & Monitoring

Reach 2B, Phase 1, will not include any monitoring, assessment or performance measures at this time. Once the entire bypass box culvert is constructed from the Mission Creek channel north of U.S. Highway 101 (Reach 2B, Phase 2) to the channel south of Yanonali Street (Reach 2A), monitoring and assessment will begin in accordance with the monitoring and assessment requirements for other project reaches. The bypass system will direct high flows from a portion of the existing channel known as the "oxbow", allowing the oxbow to convey lower discharges and creating quality stream habitat for migrating steelhead trout. This "oxbow" channel will also be monitored for habitat and water quality. In addition, the overall Lower Mission Creek Flood Control and Restoration Project will be monitored for water quality at the locations indicated in Figure 6-1.

Perpetual maintenance of the creek is an integral part of the EIS/EIR. To maintain its design function and form maintenance to maintain the design capacity of the channel will be performed on a regular basis. Sedimentation deposition and/or vegetation growth beyond 15 percent of the channel capacity will be removed on an estimated basis of once per year.

Figure 6-1 Monitoring Locations